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## Declaration and Power of Attorney for Patent Application

## 特許出願宣言書及び委任状

## Japanese Language Declaration

## 日本語宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する：

As a below named inventor, I hereby declare that:

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。

My residence, post office address and citizenship are as stated next to my name.

下記の名前の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先进且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先进且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## FILM FORMATION APPARATUS AND

## FILM FORMATION METHOD

上記発明の明細書はここに添付されているが、下記の欄がチェックされている場合は、この限りでない：

の日に出願され、  
この出願の米国出願番号またはPCT国際出願番号は、  
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\_\_\_\_\_ の日に補正された出願（該当する場合）

the specification of which is attached hereto unless the following box is checked:

was filed on February 5, 2002  
as United States Application Number or  
PCT International Application Number  
10/072,310 and was amended on  
\_\_\_\_\_ (if applicable).

私は、上記の補正書によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編規則1.56に定義されている、特許性について重要な情報を開示する義務があることを認めめる。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the need of the individual case. Any comments on the amount of time you are required to complete this form should be sent to Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Japanese Language Declaration  
(日本語宣言書)

私は、ここに、以下に記した外国での特許出願または発明者証の出願、或いは米国以外の少なくとも一国を指定している米国法典第35編第365条(a)によるPCT国際出願について、同第119条(a)-(d)項又は第365条(b)項に基づいて優先権を主張するとともに、優先権を主張する本出願の出願日よりも前の出願日を有する外国での特許出願または発明者証の出願、或いはPCT国際出願については、いかなる出願も、下記の枠内をチェックすることにより示した。

Prior Foreign Application(s)  
外国での先行出願

2001-032997

(Number)  
(番号)

Japan

(Country)  
(国名)

February 8, 2001

(Day/Month/Year Filed)  
(出願日／月／年)Priority Not Claimed  
優先権主張なし(Number)  
(番号)(Country)  
(国名)(Day/Month/Year Filed)  
(出願日／月／年)

私は、ここに、下記のいかなる米国特許出願についても、その米国法典第35編第119条(e)項の利益を主張する。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)  
(出願番号)(Filing Date)  
(出願日)(Application No.)  
(出願番号)(Filing Date)  
(出願日)

私は、ここに、下記のいかなる米国出願についても、その米国法典第35編第120条に基づく利益を主張し、又米国を指定するいかなるPCT国際出願についても、その同第365条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が、米国法典第35編第112条第1段に規定された趣意で、先行する米国出願又はPCT国際出願に開示されていない場合においては、その先行出願の出願日と本国内出願日またはPCT国際出願との間の期間中に入手された情報で、連邦規則法典第37編規則1.56に定義された特許性に関わる重要な情報について開示義務があることを承認する。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Application No.)  
(出願番号)(Filing Date)  
(出願日)(Status: Patented, Pending, Abandoned)  
(現況:特許許可、係轄中、放棄)(Application No.)  
(出願番号)(Filing Date)  
(出願日)(Status: Patented, Pending, Abandoned)  
(現況:特許許可、係轄中、放棄)

私は、ここに表明された私自身の知識に保わる陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じられることを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第18編第1001条に基づき、罰金または拘禁、若しくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生ずることを理解した上で陳述が行われたことを、ここに宣言する。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

**Japanese Language Declaration**  
(日本語宣言書)

委任状： 私は本出願を審査する手続を行い、且つ米国特許商標庁との全ての業務を遂行するために、記名された発明者として、下記の弁護士及び／または弁理士を任命する。（氏名及び登録番号を記載すること）

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Scott C. Harris, Registration No. 32,030

## 書類送付先

Send Correspondence to:

Scott C. Harris  
Fish & Richardson P.C.  
PTO Customer No. 20985  
4350 La Jolla Village Drive, Suite 500  
San Diego, CA 92122

## 直通電話連絡先：（氏名及び電話番号）

Direct Telephone Calls to: (name and telephone number)

Scott C. Harris  
858 / 678-5070

## 唯一または第一発明者氏名

Full name of sole or first inventor

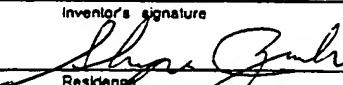
Shunpei YAMAZAKI

## 発明者の署名

日付

Inventory's signature

Date

 05/13/2002

## 住所

Residence

Tokyo, Japan

## 国籍

Citizenship

Japanese

## 郵便の宛先

Post Office Address

c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

398 Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

## 第二共同発明者がいる場合、その氏名

Full name of second joint inventor, if any

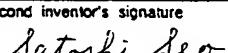
Satoshi SEO

## 第二共同発明者の署名

日付

Second inventor's signature

Date

 05/13/2002

## 住所

Residence

Kanagawa, Japan

## 国籍

Citizenship

Japanese

## 郵便の宛先

Post Office Address

c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

398 Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

(第三以下の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第三共同発明者		Full name of third joint inventor, if any	
発明者の署名	日付	Noriko SHIBATA	Inventor's signature
住所		Noriko Shibata	Date
国籍		Residence	05/13/2002
私書箱		Kanagawa, Japan	
		Citizenship	
		Japanese	
		Post Office Address	
c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD.			
398 Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan			
第四共同発明者		Full name of fourth joint inventor, if any	
発明者の署名	日付	Inventor's signature	Date
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	
第五共同発明者		Full name of fifth joint inventor, if any	
発明者の署名		Inventor's signature	Date
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	
第六共同発明者		Full name of sixth joint inventor, if any	
発明者の署名		Inventor's signature	Date
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shunpei Yamazaki et al. Art Unit : 2812  
Serial No. : 10/072,310 Examiner : Caridad Everhart  
Filed : February 5, 2002 Confirmation No. 8559  
Title : FILM FORMATION APPARATUS AND FILM FORMATION METHOD

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

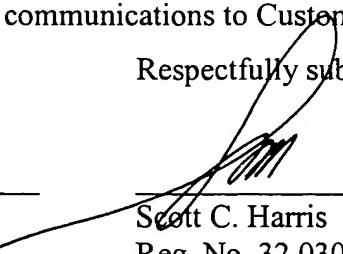
**ASSOCIATE POWER OF ATTORNEY**

Please recognize John F. Hayden, Reg. No. 37,640; James E. Mrose, Reg. No. 33,264; Phyllis K. Kristal, Reg. No. 38,524; W. Karl Renner, Reg. No. 41,265; Gregory A. Walters, Reg. No. 41,366; Diana DiBerardino, Reg. No. 45,653; Joseph F. Key, Reg. No. 44,827; Harold H. Fox, Reg. No. 41,498; Scott R. Boalick, Reg. No. 42,337; Mark E. Wadrzyk, Reg. No. 45,187; Benjamin D. Driscoll, Reg. No. 41,571; Ruffin B. Cordell, Reg. No. 33,487; Michael McKeon, Reg. No. 37,888; Linda Liu Kordziel, Reg. No. 39,732; Lauren A. Degnan, Reg. No. 40,584; Joseph V. Colaianni, Jr., Reg. No. 39,948; William G. Hughes, Jr., Reg. No. 46,112; William E. Booth, Reg. No. 28,933; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; G. Roger Lee, Reg. No. 28,963; John B. Pegram, Reg. No. 25,198; Thomas A. Rozylowicz, Reg. No. 50,620; Kevin Greene, Reg. No. 46,031; Barbara V. Benoit, Reg. No. 54,777; Brian T. Racilla, Reg. No. 54,382 and John E. Mauk, Reg. No. 54,579, as my associate attorneys/agents in the above application, with full powers.

Please direct all future official communications to Customer No. 26171.

Respectfully submitted,

Date: 10/8/03

  
Scott C. Harris  
Reg. No. 32,030

Fish & Richardson P.C.  
4350 La Jolla Village Drive, Suite 500  
San Diego, CA 92122  
Telephone: (858) 678-5070/Facsimile: (858) 678-5099

日本国特許庁  
JAPAN PATENT OFFICE

別紙添付の書類に記載されている事項は下記の出願書類に記載されている事項と同一であることを証明する。

This is to certify that the annexed is a true copy of the following application as filed with this Office

出願年月日  
Date of Application:

2001年 2月 8日

出願番号  
Application Number:

特願2001-032997

出願人  
Applicant(s):

株式会社半導体エネルギー研究所

2001年12月21日

特許庁長官  
Commissioner,  
Japan Patent Office

及川耕造



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

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AUGUST 09, 2002

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SAN DIEGO

Chief Information Officer  
Washington, DC 20231  
www.uspto.gov

FISH & RICHARDSON, P.C.  
SCOTT C. HARRIS  
4350 LA JOLLA VILLAGE DRIVE  
SUITE 500  
SAN DIEGO, CA 92122



\*102120459A\*

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YAMAZAKI, SHUNPEI

DOC DATE: 05/13/2002

ASSIGNOR:

SEO, SATOSHI

DOC DATE: 05/13/2002

ASSIGNOR:

SHIBATA, NORIKO

DOC DATE: 05/13/2002

ASSIGNEE:

SEMICONDUCTOR ENERGY LABORATORY  
CO., LTD.  
398 HASE ATSUGI-SHI  
KANAGAWA-KEN 243-0036, JAPAN

SERIAL NUMBER: 10072310  
PATENT NUMBER:

FILING DATE: 02/05/2002  
ISSUE DATE:

NO Docketing  
Required  
SFT

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-13-2002

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6/5/02  
Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):  Shunpei Yamazaki, Satoshi Seo and Noriko Shibata  Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies):  Semiconductor Energy Laboratory Co., Ltd. 398 Hase Atsugi-shi Kanagawa-ken 243-0036 JAPAN
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 5/13/2002, respectively	Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s):  If this document is being filed with a new application, the execution date of the application is:  A. Patent Application No(s).: 10/072,310	B: Patent No(s).:  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name/address of party to whom correspondence concerning document should be mailed:  SCOTT C. HARRIS Fish & Richardson P.C. 4350 La Jolla Village Drive, Suite 500 San Diego, California 92122	6. Total number of applications/patents involved: 1  7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: 06-1050  Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and Signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

*SCOTT C. HARRIS*  
Reg. No. 32,030  
Name of Person Signing

*JAMES T. HAGLER*  
REG. NO 40,631  
Signature

5/28/02  
Date

Total number of pages including coversheet, attachments and document: 3

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06/12/2002 GTOM11 00000231 10072310

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

May 28, 2002  
Date of Deposit

*Susan Regan*  
Signature

Susan Regan  
Typed Name of Person Signing Certificate

FISH & RICHARDSON P.C.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

Semiconductor Energy Laboratory Co., Ltd.

having the address: 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

FILM FORMATION APPARATUS AND FILM FORMATION METHOD

Attorney Docket No: 07977/302001

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No. 10/072,310

Filing Date: February 5, 2002

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue application or in any amendments, extension or interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

3. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

05/13/2002

Date



Typed Name: Shunpei YAMAZAKI

05/13/2002

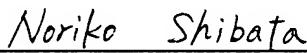
Date



Typed Name: Satoshi SEO

05/13/2002

Date



Typed Name: Noriko SHIBATA

Date

Typed Name:

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

Date

Typed Name:

Date

Typed Name: